

South Black Horse Pike Ground Water Contamination

South Black Horse Pike Monroe Township Gloucester County

BLOCK: Various **LOT:** Various

Community Relations Coordinator: Amanda Coombs (609) 341-3118

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Gloucester County Health Department, USEPA and NJDEP's Remedial Response Element between 1998 and 2000 identified 24 private potable wells on South Black Horse Pike between Whitehall Road and Coles Mill Road that were contaminated with volatile organic compounds and/or mercury at levels exceeding New Jersey Drinking Water Standards. Tetrachloroethylene (also known as perchloroethylene, or PCE) was the primary volatile organic contaminant found in the wells. Point-of-Entry Treatment (POET) systems were installed on the wells with funds provided by NJDEP to supply potable water for the residents. The Remedial Response Element subsequently delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis that concluded the most cost-effective long-term remedy was the continued use of POET systems at the affected homes. Additional investigative work is underway to identify possible sources of the volatile organic contamination in the ground water.